

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB2005/000338

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H03F1/08 H03F1/02 H03F3/19 H03C1/06

According to International Patent Classification (IPC) or to both national classification and IPC -

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H03F H03C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 748 042 A (NORRIS ET AL) 5 May 1998 (1998-05-05)	1,2, 5-12,14, 15
Y	column 1, line 6 - column 4, line 67; figures 2,4,5	3,4,13
X	US 5 406 224 A (MIKAMI ET AL) 11 April 1995 (1995-04-11)	1,2, 5-12,14, 15
Y	column 2, line 50 - column 3, line 22; figure 1	3,4,13
X	US 5 760 650 A (FAULKNER ET AL) 2 June 1998 (1998-06-02)	1,2, 5-12,14, 15
Y	column 2, line 45 - column 8, line 20; figures 1,2	3,4,13
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

4 May 2005

Date of mailing of the international search report

13/05/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 052 033 A (SCHNEIDER ET AL) 18 April 2000 (2000-04-18)	1,2,5-7, 11,12, 14,15
Y	column 4, line 30 - column 7, line 12; figures 2,3a,4a-4d	3,4,13
X	US 5 406 226 A (CIOFFI ET AL) 11 April 1995 (1995-04-11)	1,2,5-7, 11,12, 14,15
	column 3, line 54 - column 5, line 17; figure 1	
X	WO 03/012982 A (TRIQUINT SEMICONDUCTOR, INC) 13 February 2003 (2003-02-13)	1,2, 5-12,14, 15
Y	page 1, line 11 - page 6, line 7; figures 1,2	3,4,13
X	EP 1 137 171 A (MITSUBISHI DENKI KABUSHIKI KAISHA) 26 September 2001 (2001-09-26)	1,2, 5-12,14, 15
	paragraph '0045! - paragraph '0051!; figure 7	
Y	US 6 137 358 A (MIDYA ET AL) 24 October 2000 (2000-10-24)	3,4,13
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Y	STAUDINGER J ET AL: "ENHANCED FILTERING METHOD FOR ENVELOPE ELIMINATION AND RESTORATION AMPLIFICATION" MOTOROLA TECHNICAL DEVELOPMENTS, MOTOROLA INC. SCHAUMBURG, ILLINOIS, US, vol. 37, January 1999 (1999-01), pages 247-248, XP000883908 ISSN: 0887-5286 the whole document	3,4,13

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